

SOUTH PRODUCTION NOTES

September 30, 2016

3-11 Shift Notes

BASF EMPLOYEES

307 Last Recordable

373 Last Lost time

Title V Notes:

CTO –Offline. Ammonia flow is set at 40. Keep an eye on the ammonia tote we will be going through more ammonia during this current run.

Trimer – Running again. Lined up #1 and #5. dP's are good. We are using the lower valve to control flow on stage 1.

F1 – Back up and running.

F2 – Need to check each shift. Valve has been re-opened. Should remain slightly open.

Sly Scrubber – Running. pH probe is good. Calibrated last week. 8DC-dP is getting a little high. Need to keep a close eye on it.

Work To Be Done in the Department:

- A Floor CRT to check building 9 sump each shift.

- Need to get the Cu 1230 repacked (waiting on Scrubber modifications).

- Building 31 sump is full. Needs to be sampled and pumped out and unlocked.

#1 MED / Cleaning:

Still need to clean spiral elevator. The buildup will dissolve with water. Run water down spiral to flush out material

Locked out the diverter valve to the calciner hopper.

#1 RC / D-0768 SSD refires:

Continue feeding. More material in rail sheds and warehouse.

Feed in lot and bag order.

#2 MED line / Styrene:

After making 1 batch on day shift we shut down the mixer due to excessive noise it is making. Gem will probably be working through the weekend to get us.

Watch oscillating belt closely. Pump filter on vacumax was scavenged for #3 line.

We need to change the inserts every two batches.

#2 RC / Ni 4322:

Down until after AIM review (CTO Nox issue). Waiting for engineering to OK a restart on this line. Installing new alarms and setpoints for the CTO to insure it is running properly and does not go empty on ammonia. Two drums were taken

off marked as flush drums. DC temps on CTO were dropped to 120 for some reason. After we put them back up we were able to maintain temps. Syntron was not able to be put in auto due to the calciner start up steps not complete.

#3 MED line / D-1717:

Started back up on days. Continue. DI –skid replaced.
Chilled water system is being repaired. Make batches using Marley water and contact Andrea with any issues. **Grease the mixer EVERY shift.**

#3 RC / D 1717:

Down. Do not feed until given OK from Engineering. CTO, is being modified with new interlocks and Alarms to let us know when Ammonia tote needs changed.

#4 RC / Styrene:

Shut down due to being out of feed. Maintenance to inspect the feeder to make sure that it is working properly. Holding for #2 to be restarted so that we can continue to feed. Some contamination in finished bags. If contamination is found set aside to refeed to calciner at the end of the run. Do not transfer to warehouse.

#5 RC / Cu 0539:

Continue feeding. Having some issues maintaining suction at the end of day shift. need to inspect suction before restarting.
When running, feed Hopper should not be filled past 2 feet below the top to allow room for blowdowns. HEPA filter was inspected on 9-19-16 on day shift.

#6 RC & Dryer / D 1781:

Fired back up, need to start feeding again when back up to temps.

West Pfaudler / Hold:

Lid has been pulled. Pfaudler has been washed.

East Pfaudler / D 1781:

DI skid was changed out on day shift. continue to make batches as needed. Keep an eye on the vacuum and temperature of the green tank on 1st floor (manually add water if it gets too hot - try and just crack the valve or we end up sending a lot of water to WWTP).

6 Tank / Ni 4322 (Nickel nitrate):

Pumped out on days. Tank is empty.

7 Tank / Ni 4322 (Nickel Nitrate):

Tank was emptied and rinsed.

National Dryer / Ni 4322:

Feeding as we have material. WO in for National DC rotolock leaking oil.

Sample every bag.

Stuff coming off the national needs to be labeled with the purple labels as 2nd dip!

PK Blender / on hold:

Building and blender was cleaned, as well as the drum dumper.

Contact Group Leader before using any water in building 9 or before unlocking sumps. They have all been locked out with Blue operational locks.

Check bag house DP before starting each batch.

Flow meter is installed but not calibrated yet, DO NOT USE.

DP Gauge should be set at 3.5 and 4.25.

Abbe Blender / Ni 4322:

Tank coming into range late on nights. May get a batch off late on nights. If not Start up on firsts. Need to monitor tank 5, new SPG set point range is 1.69-1.71.

Tower 3 / DPT 101:

Continue. Should be done In next 24 hrs

Tower 6 / E 474:

Coming down later on afternoon shift.

If there are any issues with Hydrogen flow or totalizer we will need to call Elliott. He is aware of the issues and will need to diagnose while running.

North Screener / E 474:

Running well after IMC worked on during afternoon shift (finished last lot on Thursday 9/29). **Make sure we are completely emptying alcohol drums.**

South Screener / DPT 101:

Waiting on material. **Make sure we are completely emptying alcohol drums.**

Stretch wrapper is working. Please wrap your drums as full pallets are made. See GL or Kristen for quick informational session on how to operate.

If you wash down drums with water you need to dry them off – the green drums are very prone to rust.

#2662 (west) Pill Machine / AI 3915:

Out of feed. Cleaning as able. Status?

#2664 (east) Pill Machine / AL 3915:

Out of feed. Cleaning as able.

TK #2 / on hold:

Down.

TK #4 / Cu-2508:

**Complete, kiln down. Changing out saggars as time/manpower permit.
Instructions for change out are in the log book at the kiln area.**

Harrop Kiln / on hold:

Kiln is down.

Building 27 Belt Filter / on hold:

Cleaning done.

Do not use the taller, thinner cardboard sleeves, those are for LIB.

We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.

Top 9 are important enough to keep running and staffed, top 6 cannot afford to have additional production interruptions.

- 1) #4 RC/Trimer/Abbe/HC-11 Tanks/National Dryer**
- 2) #6 RC/East Pfaudler**
- 3) #1 RC South**
- 4) #1 RC North**
- 5) North CUAPV (to keep #1 RC North running)**
- 6) Reduction Towers/Screening**
- 7) #5 RC/Trimer (Only if we decide to swap products on #2 and #4 calciners)**
- 8) #3 MED/RC/CTO – Use #1 MED if #3 MED has any issues in keeping up with #3RC**
- 9) #2 MED/RC**
- 10) Briq/East Blender/PR2 for Cu-0537 T**
- 11) Kneader (once Cu-0248 Pill Mix starts next week)**
- 12) PR2 Cu-0248 T next week**
- 13) Ross Mixer/#4 Tunnel Kiln**
- 14) North PK/Wyssmont**